

## REMARKS

The claims are claims 1 to 7

The application has been amended at page 5 to correct some minor grammar errors.

Claims 3 to 5 are amended. Claim 3 is amended as suggested by the Examiner to change the "second output" of the eighth OR gate to "second input." Claim 4 now specifically recites "said first multiplexer, said second multiplexer, said third multiplexer, said fourth multiplexer, said fifth multiplexer, said sixth multiplexer, said seventh multiplexer, said eighth multiplexer, said ninth multiplexer, said tenth multiplexer, said eleventh multiplexer, said twelfth multiplexer, said thirteenth multiplexer, said fourteenth multiplexer, said fifteenth multiplexer, said sixteenth multiplexer, said seventh multiplexer, said eighteenth multiplexer, said nineteenth multiplexer, said twentieth multiplexer, said twenty first multiplexer, said twenty second multiplexer, said twenty third multiplexer, said twenty fourth multiplexer, said twenty fifth multiplexer and said twenty sixth multiplexer." Claim 5 now recites the plural required by the Examiner.

Claim 5 was objected to because of the following informality on line 192 "three control input" should be in plural form. Appropriate correction is required. Claim 5 is amended to change "three control input" to "three control inputs."

Claim 3 was rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The rejection states:

"It appears as if applicant might have intended to claim that the eighth OR gate has a second input connected to said output of said third OR gate.

This was the intention of the Applicant. Claim 3 has been amended to reflect this intent and is thus allowable.

Claim 4 was rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The rejection states:

"In claim 4, 'said first to twenty sixth multiplexer' lacks a clear antecedent basis."

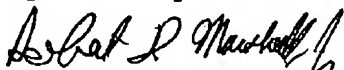
Claim 4 has been amended to specifically recite all the multiplexers. Each of these multiplexers finds antecedence in claim 3 (line numbers in this response) as follows: said first multiplexer, lines 4 to 6; said second multiplexer, lines 9 to 11; said third multiplexer, lines 14 to 16; said fourth multiplexer, lines 19 to 21; said fifth multiplexer, lines 24 to 26; said sixth multiplexer, lines 29 to 31; said seventh multiplexer, lines 34 to 36; said eighth multiplexer, lines 39 to 41; said ninth multiplexer, lines 42 to 45; said tenth multiplexer, lines 46 to 49; said eleventh multiplexer, lines 52 to 55; said twelfth multiplexer, lines 56 to 58; said thirteenth multiplexer, lines 62 to 65; said fourteenth multiplexer, lines 66 to 68; said fifteenth multiplexer, lines 72 to 75; said sixteenth multiplexer, lines 76 to 78; said seventh multiplexer, lines 79 to 82; said eighteenth multiplexer, lines 83 to 86; said nineteenth multiplexer, lines 87 to 89; said twentieth multiplexer, lines 93 to 96; said twenty first multiplexer, lines 97 to 100; said twenty second multiplexer, lines 101 to 103; said twenty third multiplexer, lines 104 to 107; said twenty fourth multiplexer, lines 108 to 111; said twenty fifth multiplexer, lines 112 to 115; and said twenty sixth multiplexer, lines 116 to 118. The Applicants respectfully submit that amended claim 4 is proper under 35 U.S.C. 112.

The Applicants respectfully submit that all the present claims are allowable for the reasons set forth above. Therefore early reconsideration and advance to issue are respectfully requested.

If the Examiner has any questions or other correspondence regarding this application, Applicants request that the Examiner contact Applicants' attorney at the below listed telephone number and address to facilitate prosecution.

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Respectfully submitted,

  
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